

Measles/Rubella Weekly Bulletin



Comprehensive Family Immunization/Family, Health Promotion and Life Course
Measles and Rubella Surveillance in the Americas

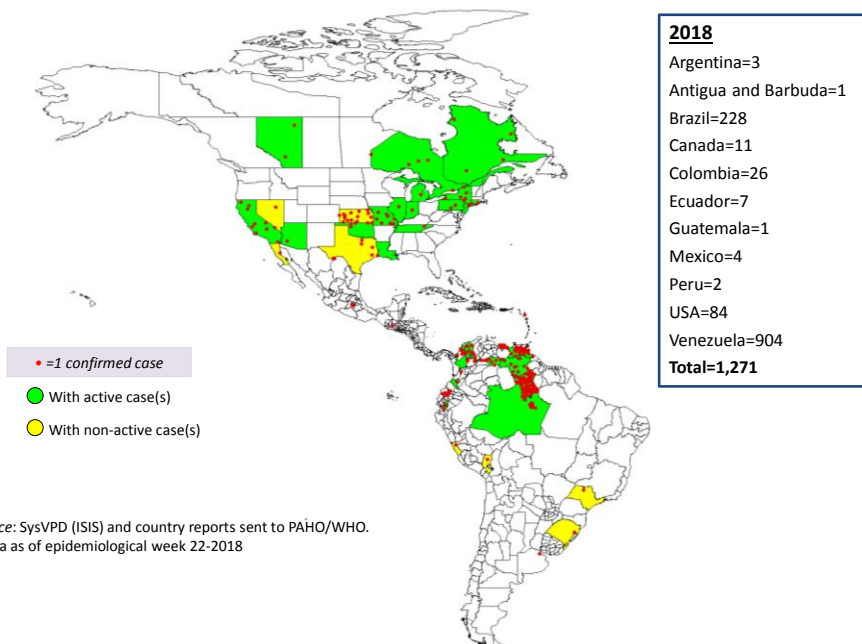


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Week ending 02 June 2018

Active and non active measles outbreaks in the Americas, 2018*

A total of 1,271 confirmed measles cases have been reported through 22 May 2018. From this total, Brazil, Canada, Colombia, Ecuador, Venezuela and the United States have confirmed measles cases within the last three months (active outbreaks). Inversely, Argentina, Antigua and Barbuda, Guatemala, Mexico and Peru, whose outbreaks are non-active, are verifying the evidence for measles virus interruption.



Source: SysVDP (ISIS) and country reports sent to PAHO/WHO.
*Data as of epidemiological week 22-2018

Table.1
Classification of Suspect Measles, Rubella, and Congenital Rubella Syndrome (CRS) Cases for the Period of Weeks 01-22, 2018

Subregion and Country	Susp. Cases 2018	Measles Confirmed 2018			Year/Week Last Conf. Measles case	Rubella Confirmed 2018			Year/Week Last Conf. Rubella Case	Diagnosis of Discarded Cases 2018		Congenital Rubella Syndrome			Year/Week Last Conf. CRS Case	
		Clin.	Lab.	Total		Clin.	Lab.	Total		Dengue	Others	Susp.	Conf.	CRI*		
AND	BOL	92	0	0	0	2000-40	0	0	0	2006-03	0	84	0	0	0	...
	COL	1989	0	26	26	2018-20	0	0	0	2012-31	0	1878	179	0	0	2005-34
	ECU	238	0	7	7	2018-19	0	0	0	2004-49	0	154	0	0	0	2011-14
	PER	230	0	2	2	2018-08	0	0	0	2009-04	0	203	1	0	0	2007-16
	VEN	...	0	904	904 ^a	2018-17	0	0	0	2007-51	...	...	0	0	0	...
BRA	BRA	1964	0	228	228	2018-20	0	0	0	2014-40	0	630	12	0	0	2009-34
	CAP	CRI	26	0	0	0	2014-09	0	0	0	2001-39	0	23	19	0	0
CAR	GTM	336	0	1	1	2018-03	0	0	0	2006-31	23	302	4	0	0	2005-00
	HND	130	0	0	0	1998-16	0	0	0	2004-11	0	129	8	0	0	2001-00
	NIC	133	0	0	0	1994-14	0	0	0	2004-19	0	125	19	0	0	2005-00
	PAN	30	0	0	0	2011-20	0	0	0	2002-48	0	30	3	0	0	...
	SLV	158	0	0	0	2001-19	0	0	0	2006-30	0	138	0	0	0	2001-00
LAC	CAR	177	0	1	1	2018-03	0	0	0	2008-18	0	154	18	0	0	1999-00
	CUB	344	0	0	0	1993-27	0	0	0	2004-06	0	344	0	0	0	1989-10
	DOM	32	0	0	0	2011-18	0	0	0	2007-45	0	0	0	0	0	...
	HTI	105	0	0	0	2001-39	0	0	0	2006-21	0	29	6	0	0	...
MEX	MEX	2044	0	4	4 ^a	2018-10	0	0	0	2017-19	0	1629	0	0	0	...
NOA	CAN	...	...	11	11	2018-18	...	...	...	2016-06	0	0	0	...	...	2015-50
	USA	...	...	84	84 ^b	2018-20	...	...	...	2017-16	0	0	0	...	...	2017-00
SOC	ARG	212	0	3	3	2018-12	0	0	0	2014-22	0	81	17	0	0	2009-27
	CHL	72	0	0	0	2015-27	0	0	0	2011-25	0	64	44	0	0	...
	PRY	370	0	0	0	1998-44	0	0	0	2005-21	34	312	0	0	0	2003-06
	URY	0	0	0	0	1999-08	0	0	0	2001-37	0	0	0	0	0	...
TOTAL	8682	0	1271	1271	--	0	0	0	--	57	6309	330	0	0	--	

*Congenital Rubella Infection.

...No updated report received

(a) Pan American Health Organization / World Health Organization. Epidemiological Update: Measles. 7 May 2018, Washington, D.C.: PAHO/WHO; 2018; (b) Provisional data.



Measles/Rubella Surveillance

Table No.2
Infection Source of Measles and Rubella Confirmed Cases for the Period of Weeks 01-22, 2018

Subregion and Country		Measles				Rubella			
		I	IR	CAC	U	I	IR	CAC	U
AND	BOL	17	9						
	COL	6	1						
	ECU				2				
	PER				904				
	VEN ^a				123				
BRA	BRA	59	46						
	CAP								
CAP	CRI	1							
	GTM								
	HND								
	NIC								
	PAN								
	SLV								
	CAR	1							
LAC	CUB								
	DOM								
	HTI								
MEX	MEX	2	2						
NOA	CAN	11							
	USA	33	51						
SOC	ARG	2	1						
	CHL								
	PRY								
	URY								
TOTAL		132	110		1029				

Table No.3
Measles/Rubella Suspect Cases Under Investigation for the Period of Weeks 01-22, 2018

Country	Pending Cases 2017	Cumulative 2018	Week of Onset							% Pend. Cases
			1-17	18	19	20	21	22		
BOL	1	8	4	1	0	1	2	0	9	
COL	14	85	63	8	9	5	0	0	4	
ECU	0	77	77	0	0	0	0	0	32	
PER	5	25	21	0	1	0	3	0	11	
VEN	...	...	...	...	...	...	...	...	...
BRA	27	1056	535	56	129	146	144	46	54	
CRI	0	3	2	1	0	0	0	0	12	
GTM	11	10	9	0	1	0	0	0	3	
HND	0	1	1	0	0	0	0	0	1	
NIC	0	8	2	0	3	3	0	0	6	
PAN	0	0	0	0	0	0	0	0	0	
SLV	1	20	17	2	1	0	0	0	13	
CAR	1	22	3	2	6	6	4	1	12	
CUB	0	0	0	0	0	0	0	0	0	
DOM	243	32	31	0	0	0	1	0	100	
HTI	27	76	55	8	7	3	2	1	72	
MEX	0	410	295	19	17	20	33	26	20	
CAN	...	...	...	...	...	...	...	...	...
USA	...	...	...	...	...	...	...	...	...
ARG	18	128	127	1	0	0	0	0	60	
CHL	0	8	4	0	2	1	1	0	11	
PRY	0	24	20	2	1	0	1	0	6	
URY	0	0	0	0	0	0	...	...	0
TOTAL	348	1993	1266	100	177	185	191	74	23	

I: Imported; IR: Import-related; CAC: Country-acquired case

U: Unknown. (a) Pan American Health Organization / World Health Organization.

Epidemiological Update: Measles. 7 May 2018, Washington, D.C.: PAHO/WHO; 2018

... No updated report received

Table 4
Indicators of Integrated Measles/Rubella Surveillance for the Period of Weeks 01-22, 2018

Subregion and Country		Sites Reporting Weekly		% Cases with Adequate Investigation	% Cases with Adequate Sample	% Blood Samples Received in Lab. ≤5 days	% Lab. Results ≤4 days	Rate of Suspected Cases Last 52 weeks (2017/23-2018/22)		
		Total Units	% This Week					Measles/Rubella (100,000 pop.)	CRS (10,000 lb)	
AND	BOL	2657	...	100	98	77	84	1.1	0.0	
	COL	5132	97	83	98	89	96	5.6	2.6	
	ECU	2184	...	99	98	63	68	2.7	0.0	
	PER	7781	...	90	94	81	60	1.1	0.0	
	VEN	13092	...	99	68	43	48	5.4	0.6	
BRA	BRA	14665	79	0	60	60	54	0.9	0.0	
	CAP	57	...	62	96	88	100	1.4	28.8	
CAP	GTM	1541	98	42	99	67	87	2.6	0.1	
	HND	470	91	75	97	83	98	2.8	2.7	
	NIC	185	...	97	99	95	97	5.0	4.4	
	PAN	324	...	87	90	70	87	1.4	0.5	
	SLV	1266	...	66	94	98	90	5.4	0.0	
	CAR	CAR	766	95	86	97	20	60	3.3	8.3
	LAC	CUB	168	...	100	100	100	100	12.1	0.0
CAR	DOM	247	...	19	100	0	0	3.1	0.0	
	HTI	652	91	95	98	48	13	1.7	1.1	
	MEX	MEX	20449	96	98	99	92	81	3.2	0.0
NOA	CAN	...	...	...	...	...	...	...	...
	USA	...	...	...	...	...	...	...	...
SOC	ARG	784	...	11	68	73	71	0.9	1.8	
	CHL	783	84	36	83	92	88	1.0	7.5	
	PRY	1168	93	82	99	85	91	9.5	0.3	
	URY	155	...	0	0	0	0	0.1	0.0	
Total and Average*		74526	55	84	94	81	81	2.5	0.7	

*Weighted

... No updated report received